

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036772.D
 Acq On : 02 Aug 2023 15:53
 Operator : JC/MD
 Sample : 03854-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BERGENFIELD-SOIL-COMP

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/03/2023
 Supervised By : Semsettin Yesilyurt 08/03/2023

Quant Time: Aug 03 07:29:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	139318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	251626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95256	46.209	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.420%		
35) Dibromofluoromethane	5.385	113	81557	47.155	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.320%		
50) Toluene-d8	8.647	98	301962	49.233	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.460%		
62) 4-Bromofluorobenzene	11.079	95	111822	48.324	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.640%		
Target Compounds						Qvalue
16) Acetone	2.380	43	39642	46.343	ug/l	94
20) Methylene Chloride	2.788	84	10006	5.260	ug/l	92
25) 2-Butanone	4.562	43	17160	12.364	ug/l	93
37) Ethyl Acetate	4.721	43	5635	1.931	ug/l #	94
43) Isopropyl Acetate	6.342	43	130781	26.039	ug/l	96
51) 4-Methyl-2-Pentanone	8.561	43	48864m	17.581	ug/l	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

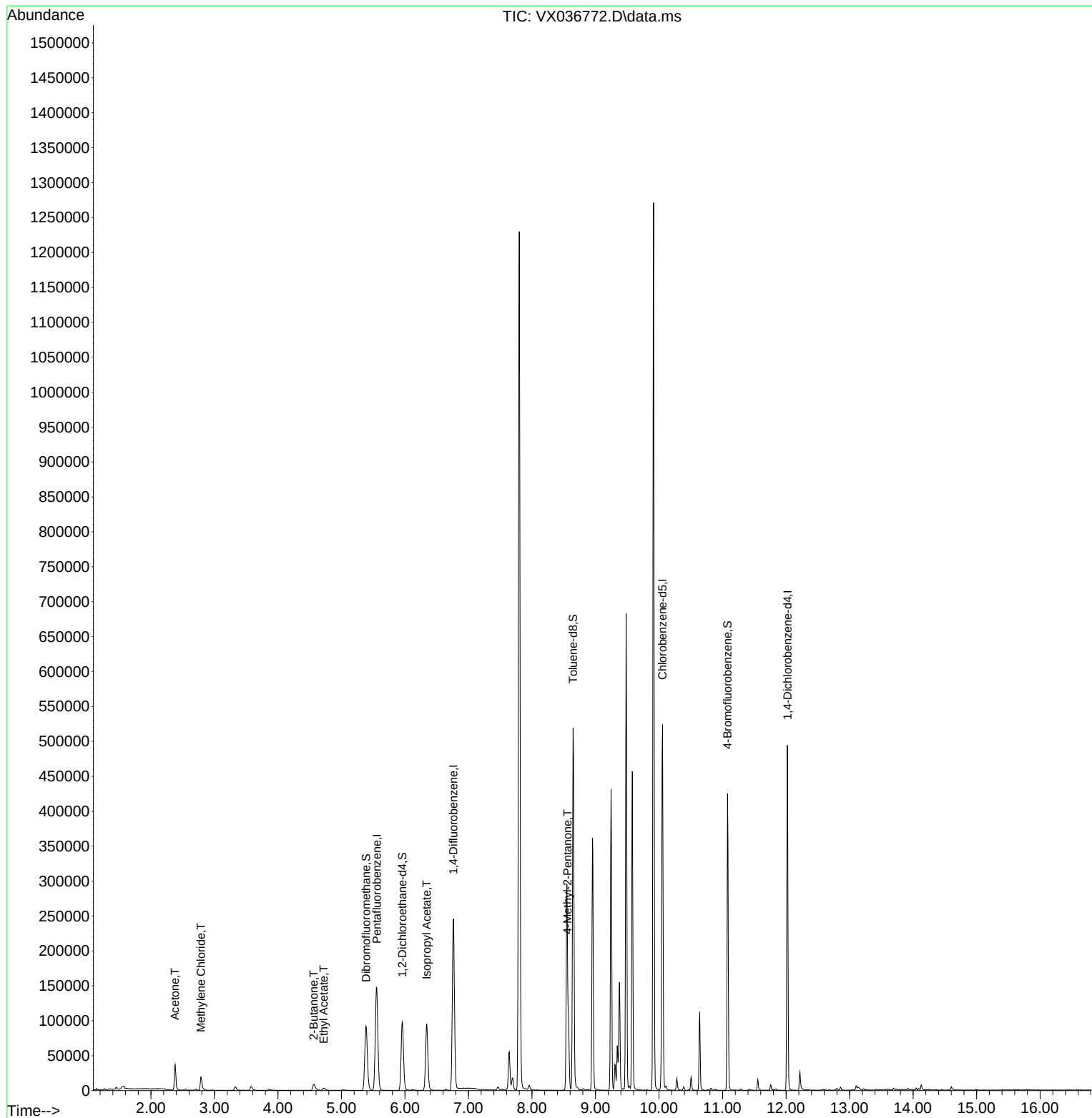
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
Data File : VX036772.D
Acq On : 02 Aug 2023 15:53
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Sample : 03854-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

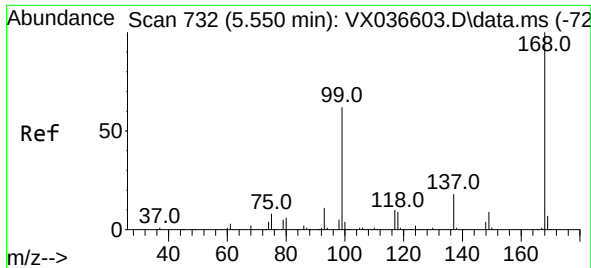
Instrument :
MSVOA_X
ClientSampleId :
BERGENFIELD-SOIL-COMP

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Supervised By :Semsettin Yesilyurt 08/03/2023

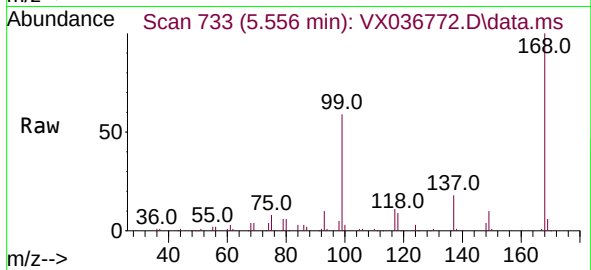
Quant Time: Aug 03 07:29:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036772.D
Acq: 02 Aug 2023 15:53

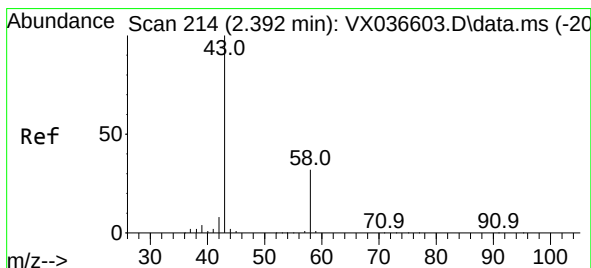
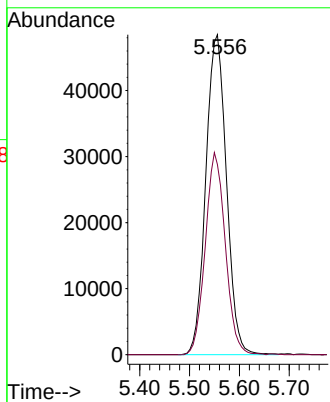
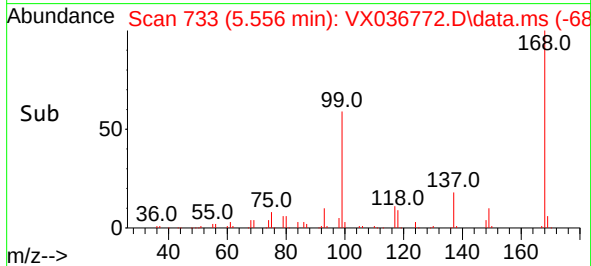
Instrument :
MSVOA_X
ClientSampleId :
BERGENFIELD-SOIL-COMP



Tgt Ion:168 Resp: 139318
Ion Ratio Lower Upper
168 100
99 59.5 56.6 85.0

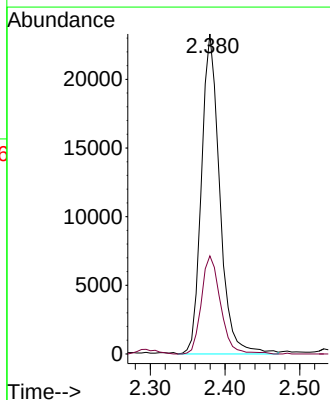
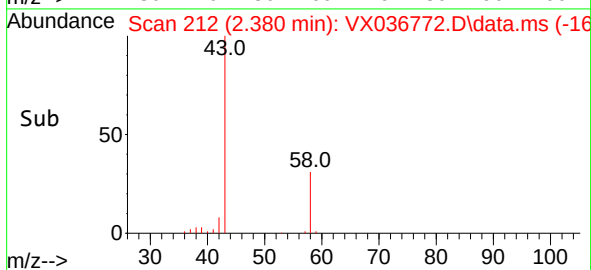
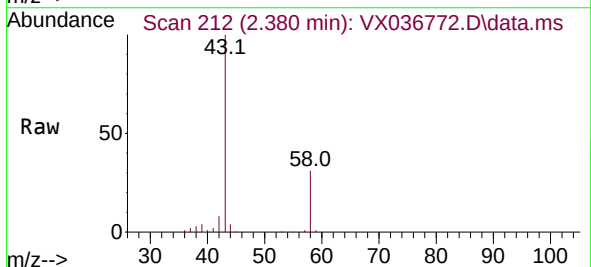
Manual Integrations
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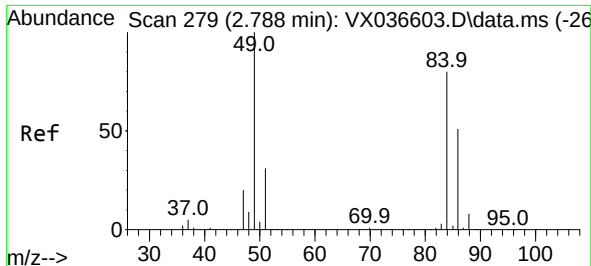
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#16
Acetone
Concen: 46.343 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036772.D
Acq: 02 Aug 2023 15:53

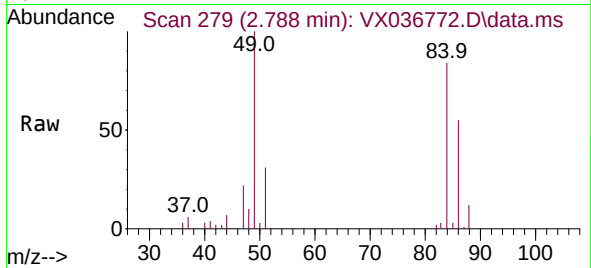
Tgt Ion: 43 Resp: 39642
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9





#20
Methylene Chloride
Concen: 5.260 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036772.D
Acq: 02 Aug 2023 15:53

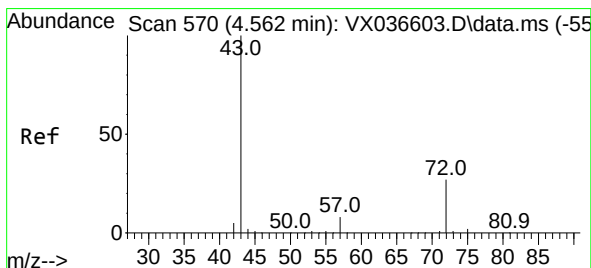
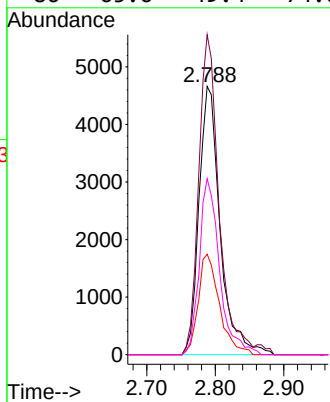
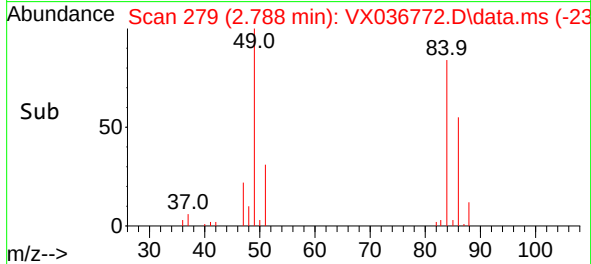
Instrument :
MSVOA_X
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Tgt Ion:	84	Resp:	1000
Ion	Ratio	Lower	Upper
84	100		
49	119.3	103.6	155.4
51	37.4	33.8	50.6
86	65.6	49.4	74.0

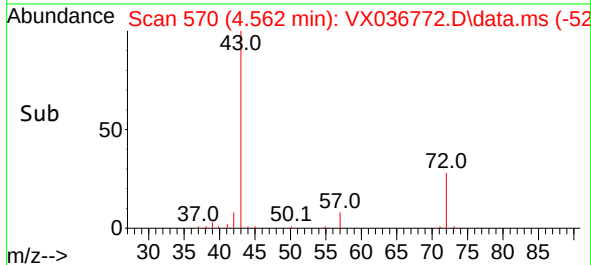
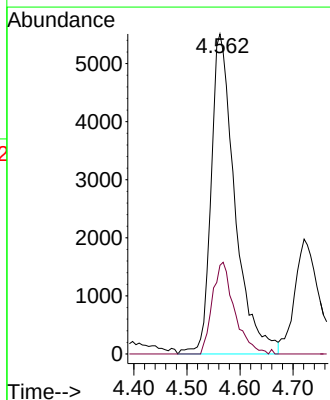
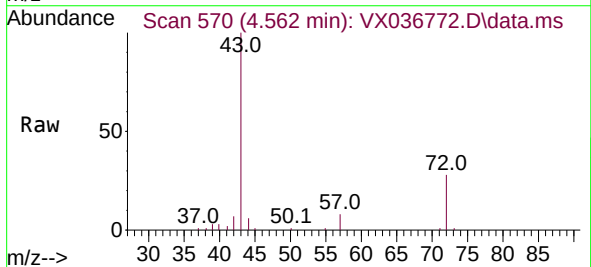
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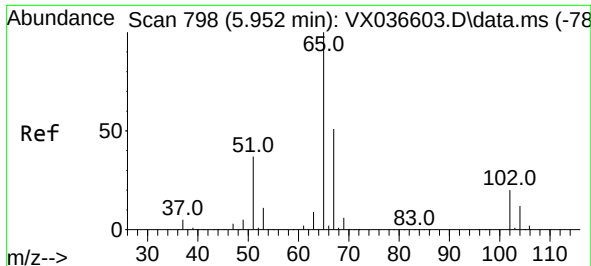
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#25
2-Butanone
Concen: 12.364 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX036772.D
Acq: 02 Aug 2023 15:53

Tgt Ion:	43	Resp:	17160
Ion	Ratio	Lower	Upper
43	100		
72	27.7	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 46.209 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036772.D

Acq: 02 Aug 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

BERGENFIELD-SOIL-COMP

Tgt Ion: 65 Resp: 95250

Ion Ratio Lower Upper

65 100

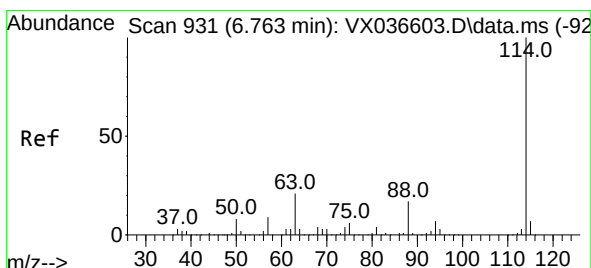
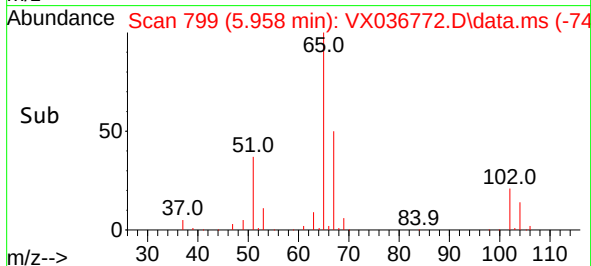
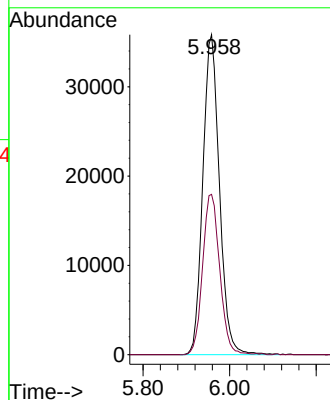
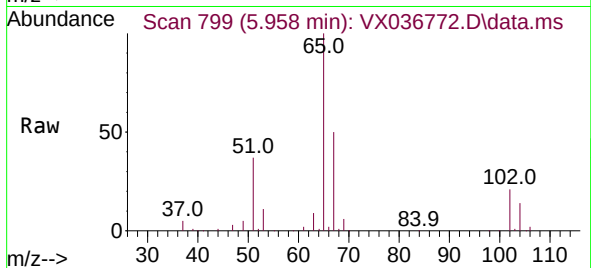
67 51.6 0.0 100.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036772.D

Acq: 02 Aug 2023 15:53

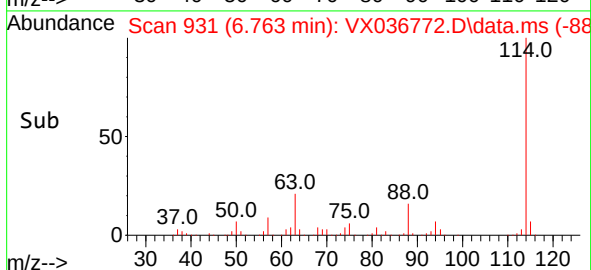
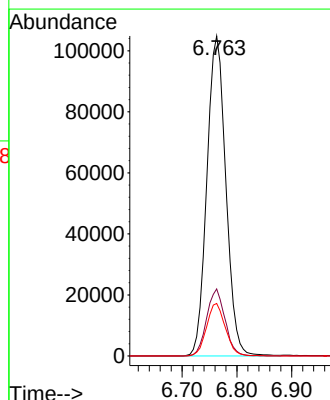
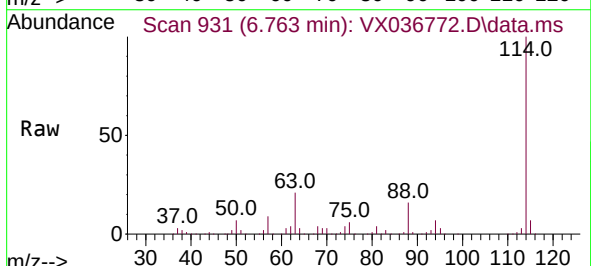
Tgt Ion:114 Resp: 251626

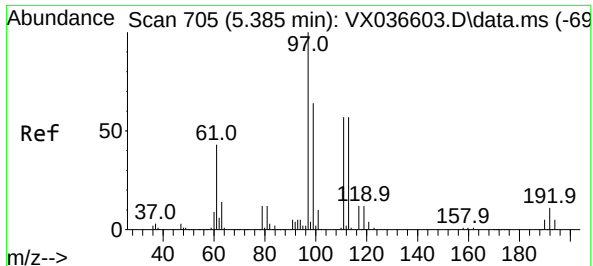
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.155 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036772.D

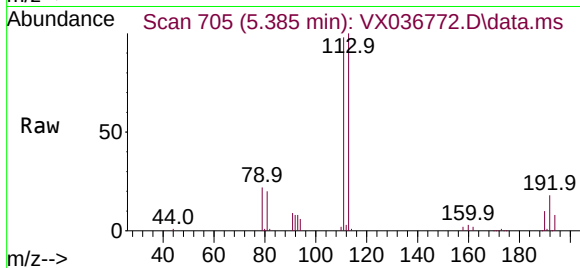
Acq: 02 Aug 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

BERGENFIELD-SOIL-COMP



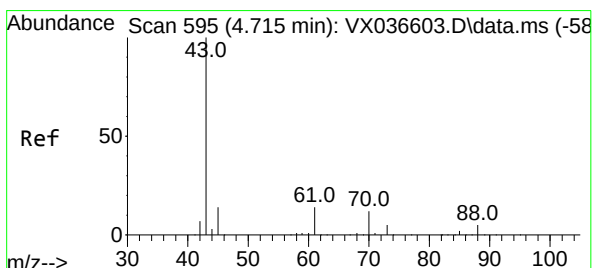
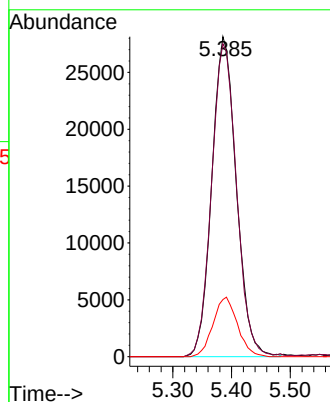
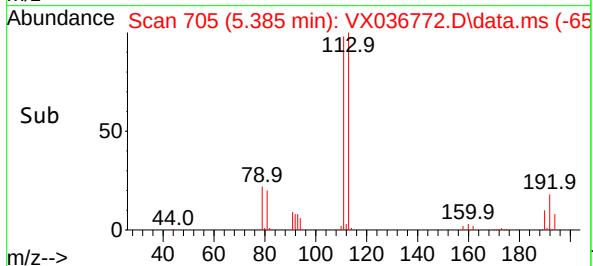
Tgt Ion:	113	Resp:	8155
Ion Ratio	Lower	Upper	
113	100		
111	99.4	82.9	124.3
192	18.5	13.3	19.9

Manual Integrations

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Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#37

Ethyl Acetate

Concen: 1.931 ug/l

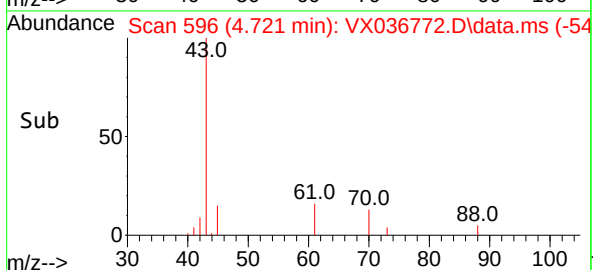
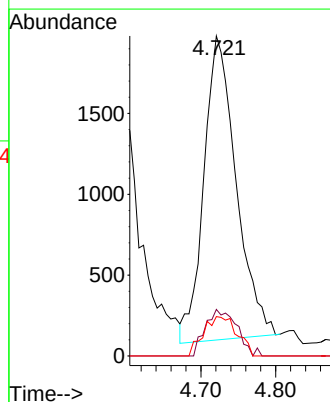
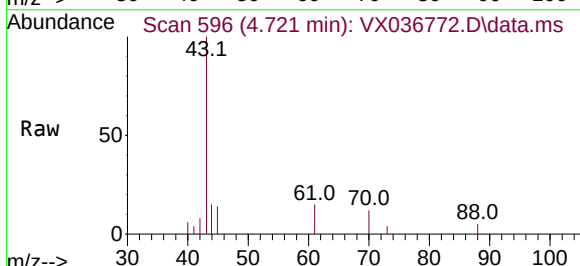
RT: 4.721 min Scan# 596

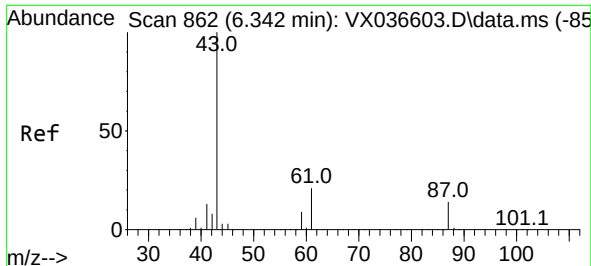
Delta R.T. 0.006 min

Lab File: VX036772.D

Acq: 02 Aug 2023 15:53

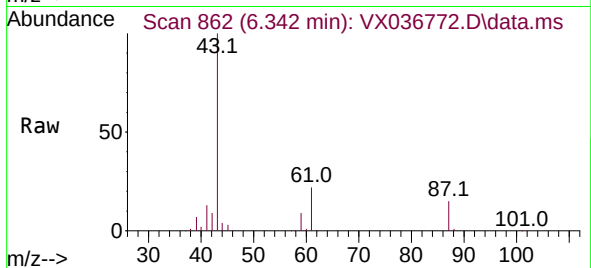
Tgt Ion:	43	Resp:	5635
Ion Ratio	Lower	Upper	
43	100		
61	15.0	10.6	16.0
70	13.5	8.3	12.5





#43
Isopropyl Acetate
Concen: 26.039 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036772.D
Acq: 02 Aug 2023 15:53

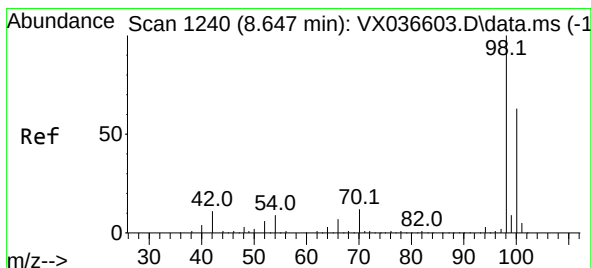
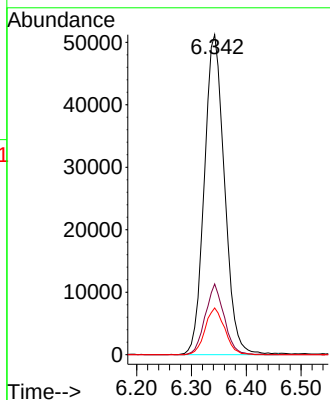
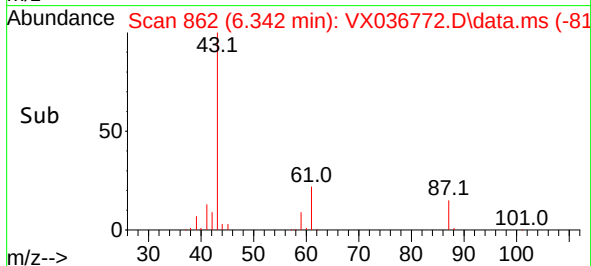
Instrument :
MSVOA_X
ClientSampleId :
BERGENFIELD-SOIL-COMP



Tgt Ion: 43 Resp: 13078
Ion Ratio Lower Upper
43 100
61 20.7 15.2 22.8
87 14.2 9.8 14.6

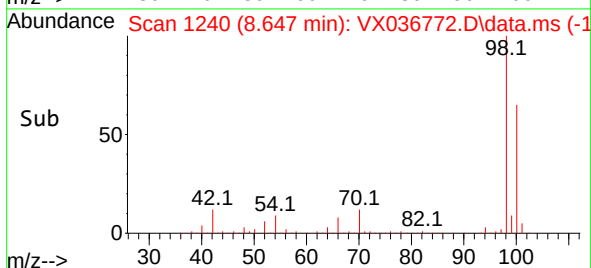
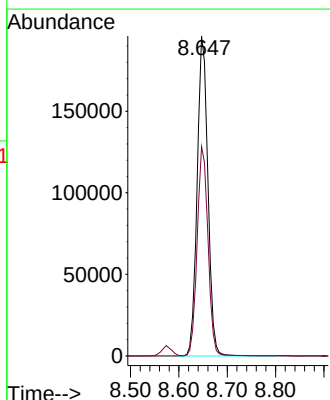
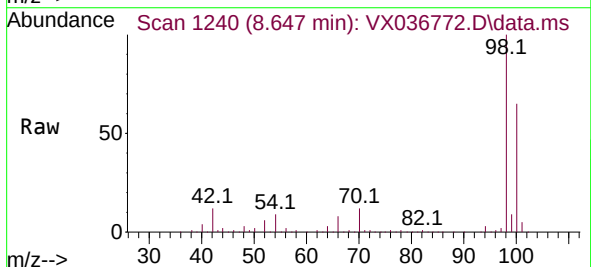
Manual Integrations
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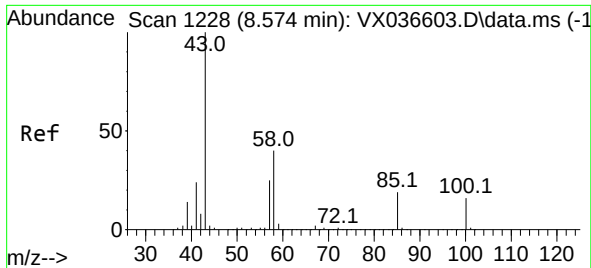
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#50
Toluene-d8
Concen: 49.233 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036772.D
Acq: 02 Aug 2023 15:53

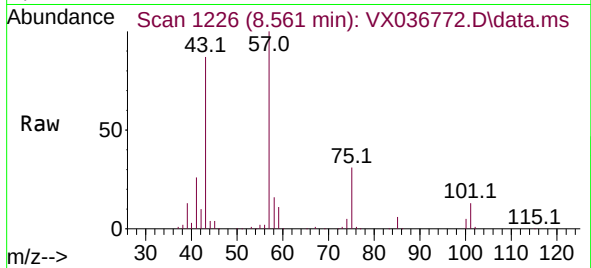
Tgt Ion: 98 Resp: 301962
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 17.581 ug/l m
RT: 8.561 min Scan# 1226
Delta R.T. -0.012 min
Lab File: VX036772.D
Acq: 02 Aug 2023 15:53

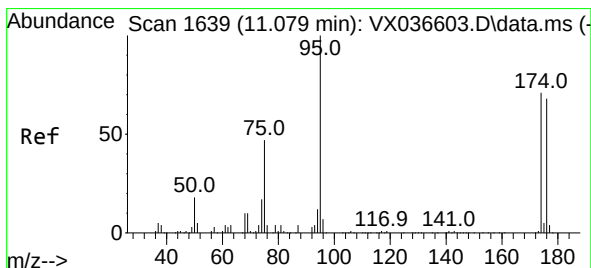
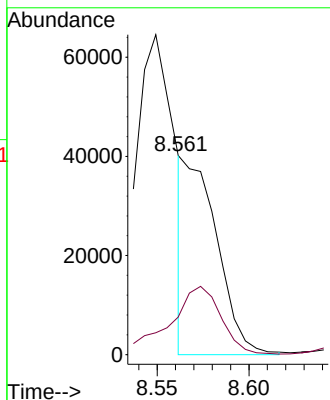
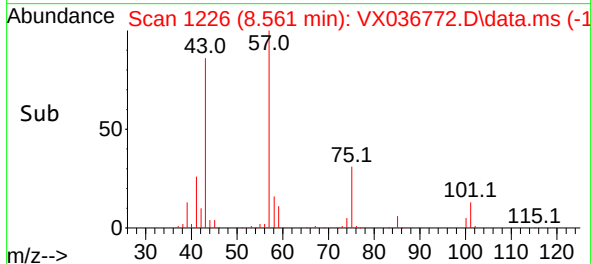
Instrument :
MSVOA_X
ClientSampleId :
BERGENFIELD-SOIL-COMP



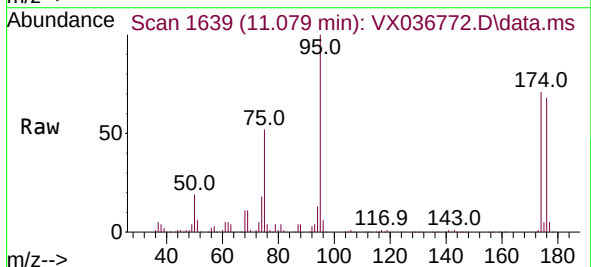
Tgt Ion: 43 Resp: 48864
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6

Manual Integrations
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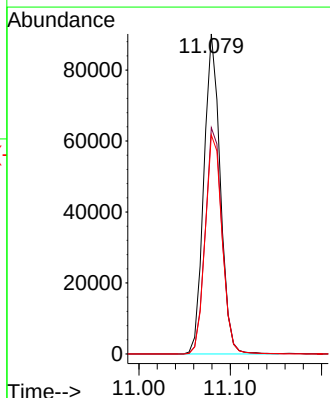
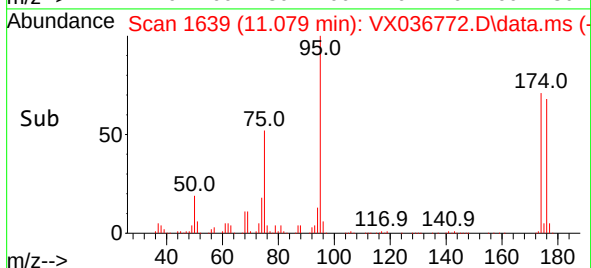
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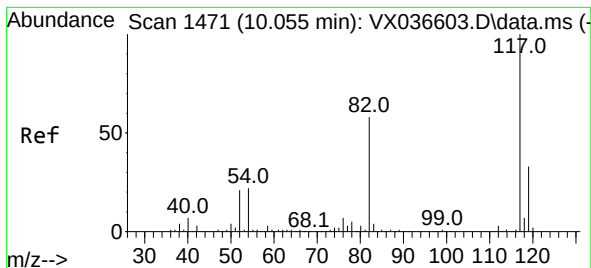


#62
4-Bromofluorobenzene
Concen: 48.324 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036772.D
Acq: 02 Aug 2023 15:53



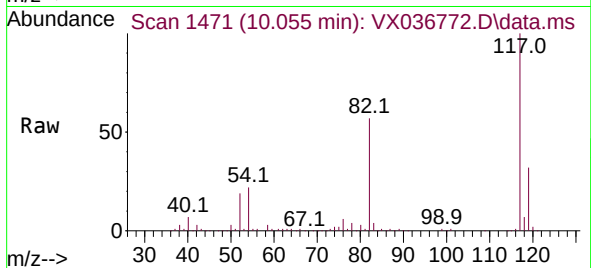
Tgt Ion: 95 Resp: 111822
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 70.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036772.D
Acq: 02 Aug 2023 15:53

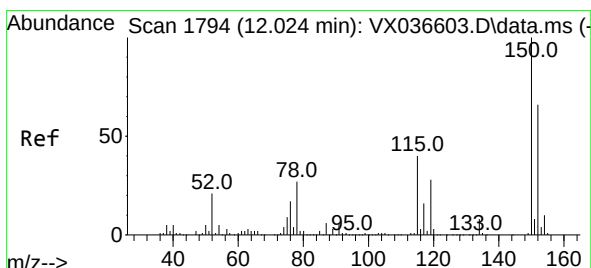
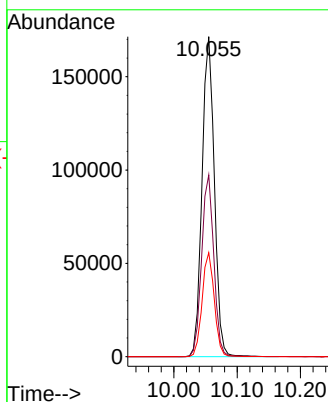
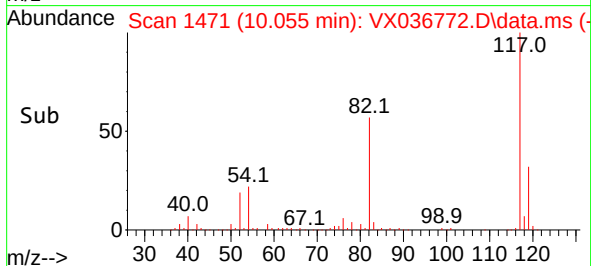
Instrument :
MSVOA_X
ClientSampleId :
BERGENFIELD-SOIL-COMP



Tgt Ion:117 Resp: 23278
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.5 25.5 38.3

Manual Integrations
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Supervised By :Semsettin Yesilyurt 08/03/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036772.D
Acq: 02 Aug 2023 15:53

Tgt Ion:152 Resp: 100225
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 157.2 0.0 345.0

